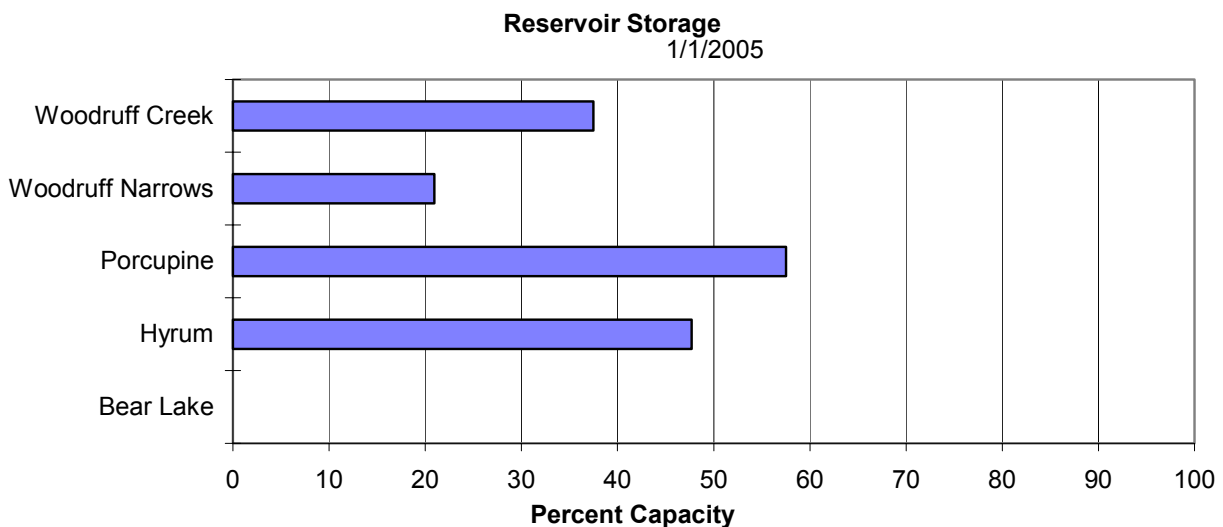
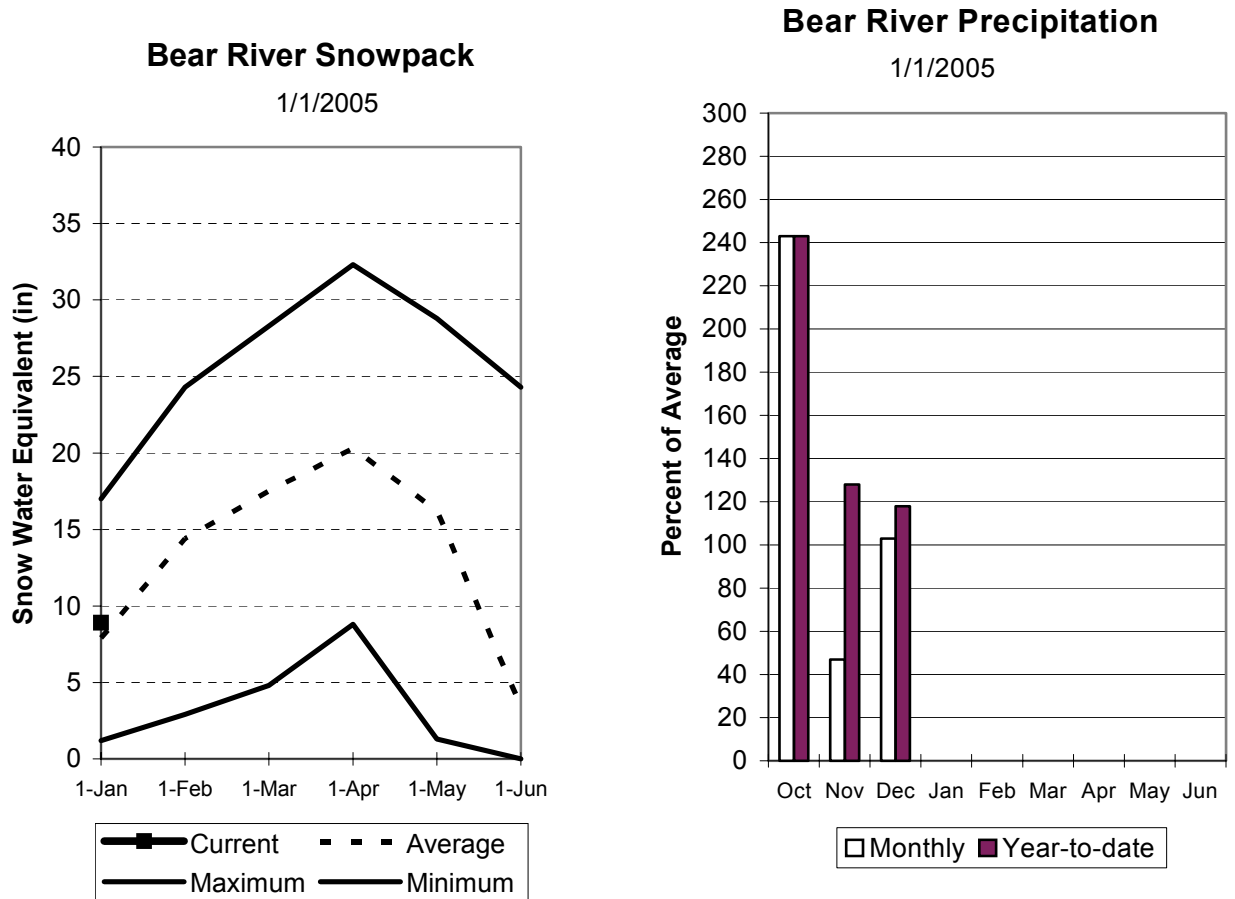


## Bear River Basin Jan 1, 2005

Snowpacks on the Bear River Basin are slightly above average at 112% of normal, about 98% of last year. Specific sites range from 60% to 135% of normal. December precipitation was near average at 103%, which brings the seasonal accumulation (Oct-Dec) to 118% of average. Soil moisture levels in runoff producing areas are at 64% of saturation in the upper 2 feet of soil compared to 32% last year. Forecast streamflows range from much below to near average (51%-111%) volumes this spring. Reservoir storage is extremely low at 2% of capacity, the same as last year. The Surface Water Supply Index is at 4% for the Bear River, or 96% of years have had more total water available. Water supply conditions are much below normal due to low reservoir storage..



BEAR RIVER BASIN  
Streamflow Forecasts - January 1, 2005

		<<===== Drier ===== Future Conditions ===== Wetter =====>>						
Forecast Point	Forecast Period	Chance Of Exceeding *						30-Yr Avg. (1000AF)
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)	
Bear River nr UT-WY State Line	APR-JUL	86	109	125	111	141	164	113
Bear River ab Reservoir nr Woodruff	APR-JUL	63	100	125	92	150	189	136
Big Creek nr Randolph	APR-JUL	2.10	3.60	4.60	94	5.60	7.10	4.90
Smiths Fork nr Border	APR-JUL	58	80	95	92	110	132	103
Bear River at Stewart Dam	APR-JUL	50	88	120	51	157	221	234
Little Bear River at Paradise	APR-JUL	23	36	46	100	58	77	46
Logan River nr Logan combined flow	APR-JUL	63	89	110	87	133	170	126
Blacksmith Fork nr Hyrum	APR-JUL	24	36	45	94	56	73	48

BEAR RIVER BASIN  
Reservoir Storage (1000 AF) - End of December

BEAR RIVER BASIN  
Watershed Snowpack Analysis - January 1, 2005

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
BEAR LAKE	1302.0	0.0	15.7	---	BEAR RIVER, UPPER (abv Ha	6	116	121
HYRUM	15.3	7.3	6.4	10.2	BEAR RIVER, LOWER (blw Ha	8	88	106
PORCUPINE	11.3	6.5	5.0	3.9	LOGAN RIVER	4	94	114
WOODRUFF NARROWS	57.3	12.0	6.0	23.6	RAFT RIVER	1	81	101
WOODRUFF CREEK	4.0	1.5	1.2	---	BEAR RIVER BASIN	14	98	112

\* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

(2) - The value is natural volume - actual volume may be affected by upstream water management.